

811

SAE 100R4 Suction and Return Line

Primary Applications
General applications



- No-Skive hose construction
- Helical wire to prevent collapse under vacuum
- Small bend radii

Construction

Inner tube: Synthetic rubber
Reinforcement: Two fibre spiral, one helical wire
Cover: Synthetic rubber, oil and weather resistant

Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water.

Temperature Range
Exception:

-40 °C up to +100 °C
Air max. +70 °C
Water max. +85 °C



48 series

Order Code	Hose I.D.				Hose O.D. mm	Pressure Rating		Vaccum kPa	min. bend radius	Weight kg
	DN	Inch	Size	mm		max. working pressure MPa	min. burst pressure MPa			
811-12	19	3/4	-12	19.1	30.0	2.1	8.3	85	65	0.63
811-16	25	1	-16	25.4	38.0	1.7	6.9	85	75	0.96
811-20	31	1 1/4	-20	31.8	45.0	1.4	5.5	85	100	1.22
811-24	38	1 1/2	-24	38.1	52.0	1.0	4.1	85	130	1.55
811-32	51	2	-32	50.8	64.0	0.7	2.8	85	150	1.87
811-40	63	2 1/2	-40	63.5	75.0	0.4	1.6	85	180	2.45
811-48	76	3	-48	76.2	90.0	0.4	1.6	85	230	3.20

Low Pressure

Medium Pressure

High Pressure

Hose Protection

Machines